

Date: Sun, 2 Oct 94 04:30:07 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: List
Subject: Info-Hams Digest V94 #1085
To: Info-Hams

Info-Hams Digest Sun, 2 Oct 94 Volume 94 : Issue 1085

Today's Topics:

Courtesy In Amateur Radio
Daily Summary of Solar Geophysical Activity for 30 September
Does anyone use 2M AM?
Got my ticket in record time-- Test FTP Site?
I'm a ham, kinda
The American Morse Code
Where are Michigan Hamfests???

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 1 Oct 1994 19:53:37 GMT
From: jeffrey@kahuna.tmc.edu (Jeffrey Herman)
Subject: Courtesy In Amateur Radio

sefarlow@crl.com (Stephen E. Farlow) writes:

>I am quickly getting fed up with HF. It seems bandwidth is eaten up by
>nets, contests, or folks just ragchewing on and on and not letting anyone
>else get a word in. I am talking specifically about 7245 and 3870 mHz.
>These folks seem to want to muscle out everyone by using amps when they
>proably don't need them. Don't FCC regulations require use of the minimum
>amount of power to maintain communications?
>A lot of the fun of HF seems to be going away beacuse of numerous nets
>and contests.

But why just fix yourself on 7245 and 3870? There's a lot more

frequencies available than just those two (unless you're running a crystal controlled xmtr!) Find a clear spot and call CQ.

Nets, contests, ragchewing *is* HF ham radio no matter what the mode. Every net has a period where they will ask for new checkins - do you wait until then or do you just barge in?

Contests are infrequent but when they occur either feel free to join in the fun or try the WARC bands - no contesting on them.

A net isn't much fun if you can't hear *all* the participants so that's why you'll find most folks running high power; if it's Ham C's turn for a couple minute talk and he's so weak that not all the net can copy him then that's not fair to the others.

There's plenty of folks running QRP or even QRPP (mostly CW); come down to the CW subbands and you'll have plenty of folks to talk with. Especially try to help out the novices on their subbands - it's always a thrill to be someone's first CW contact!

73 from Beautiful Hawaii,
Jeff NH6IL

Date: Sat, 1 Oct 94 13:07:46 MDT
From: oler@ultrix.uleth.ca (Cary Oler)
Subject: Daily Summary of Solar Geophysical Activity for 30 September

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

30 SEPTEMBER, 1994

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 30 SEPTEMBER, 1994

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 273, 09/30/94
10.7 FLUX=074.5 90-AVG=078 SSN=022 BKI=0211 2210 BAI=003
BGND-XRAY=A2.0 FLU1=3.3E+05 FLU10=1.4E+04 PKI=2222 1111 PAI=005
BOU-DEV=002,013,008,009,010,012,009,003 DEV-AVG=008 NT SWF=00:000
XRAY-MAX= B4.0 @ 0807UT XRAY-MIN= A1.5 @ 1925UT XRAY-AVG= A3.8

NEUTN-MAX= +003% @ 2220UT NEUTN-MIN= -001% @ 1825UT NEUTN-AVG= +0.6%
 PCA-MAX= +0.1DB @ 1605UT PCA-MIN= -0.1DB @ 2255UT PCA-AVG= +0.0DB
 BOUTF-MAX=55206NT @ 1248UT BOUTF-MIN=55187NT @ 1741UT BOUTF-AVG=55199NT
 GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+076,+000,+000
 GOES6-MAX=P:+136NT@ 2031UT GOES6-MIN=N:-016NT@ 1748UT G6-AVG=+104,+026,+001
 FLUXFCST=STD:075,075,075;SESC:075,075,075 BAI/PAI-FCST=005,005,015/010,012,020
 KFCST=2233 3222 3233 3232 27DAY-AP=005,004 27DAY-KP=2221 1111 2111 1212
 WARNINGS=
 ALERTS=
 !!END-DATA!!

NOTE: The Effective Sunspot Number for 29 SEP 94 was 21.0.
 The Full Kp Indices for 29 SEP 94 are: 2+ 2- 3+ 2o 1+ 1+ 1- 1o
 The 3-Hr Ap Indices for 29 SEP 94 are: 10 6 18 8 5 5 3 4
 Greater than 2 MeV Electron Fluence for 30 SEP is: 5.9E+07

SYNOPSIS OF ACTIVITY

Solar activity was at very low levels. Region 7784
 (S03E70) was assigned today.

Solar activity forecast: solar activity is expected to be
 at very low levels.

The geomagnetic field has been at quiet levels for
 the past 24 hours.

Geophysical activity forecast: the geomagnetic field is
 expected to be at quiet to unsettled levels.

STD: Geomagnetic activity is expected to begin increasing on
 03 October in response to a sizable polar coronal hole
 extension. The hole is well defined in Yohkoh x-ray imagery.
 The western edge of the coronal hole began crossing the central
 meridian today near N05. Refer to the boundary positions below
 for details.

Event probabilities 01 oct-03 oct

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 01 oct-03 oct

A. Middle Latitudes
Active 10/10/20
Minor Storm 05/05/10
Major-Severe Storm 01/01/01

B. High Latitudes
Active 10/10/30
Minor Storm 05/05/15
Major-Severe Storm 01/01/01

HF propagation conditions were near-normal over all regions. Near-normal propagation should continue until about 03 October when effects of a coronal hole could begin elevating levels of geomagnetic and auroral activity, affecting the high and polar latitude paths (and some night-sector middle latitude paths).

STD ESTIMATED CORONAL HOLE BOUNDARY LOCATIONS DERIVED FROM YOHKOH X-RAYS

VALID AT 21:20UTC 29SEP94

"!H!" = Highly probable coronal hole locations.

"!W!" = Weak x-ray emissions (possible weak coronal holes).

!!!
! ! DOY=273 VALID=21:20UTC 29SEP94
!H! N34E90 N30E73 N26E74 N24E80 N22E76 N20E70 N16E70 N15E67 N18E57
!H! N20E52 N20E48 N25E46 N24E39 N18E36 N11E34 N08E31 N06E28 N06E26 N10E25
!H! N11E22 N10E17 N08E12 N04E09 N02E08 N02E06 N04E05 N07E04 N12E05 N18E13
!H! N22E15 N26E14 N29E09 N30E07 N28E01 N27W06 N21W12 N22W15 N28W11 N30W08
!H! N32E01 N35E09 N40E20 N46E30 N52E36 N56E43 N60E46 N69E38 N78E38 N79E13
!H! N77W23 N71W56 N64W66 N62W90
! !
!H! S72E90 S72E36 S66E19 S57E24 S54E20 S55E03 S64W11 S80W90
! !
!W! S16E31 S18E24 S20E19 S18E14 S21E10 S24E13 S29E18 S24E23 S26E28
!W! S24E33 S20E34 S16E31
! !
!W! N04W08 N08W11 N06W15 N01W23 N02W27 N02W30 N00W29 S04W28 S04W24
!W! N00W16 S02W13 S02W10 N00W08 N04W08
!!!

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

=====

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 30/2400Z SEPTEMBER

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7783	S08E19	103	0050	HSX	04	001	ALPHA	
7784	S04E70	052	0090	HSX	03	001	ALPHA	

REGIONS DUE TO RETURN 01 OCTOBER TO 03 OCTOBER

NMBR	LAT	LO
7780	S06	355

LISTING OF SOLAR ENERGETIC EVENTS FOR 30 SEPTEMBER, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
1340	1340	1341					110		

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 30 SEPTEMBER, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
NO EVENTS OBSERVED								

INFERRED CORONAL HOLES. LOCATIONS VALID AT 30/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
NONE VISIBLE								

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
29 Sep:	0117	0132	0146	B4.0						
	1124	1127	1130	B1.0						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Uncorrelated:	0	0	0	0	0	0	0	0	002	(100.0)

Total Events: 002 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical	Observations
-----	-----	-----	-----	-----	--	-----	-----	-----	-----
NO EVENTS OBSERVED.									

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

SPECIAL INSERT: YOHKOH FULL-DISK X-RAY IMAGE

29 September 1994, 21:20 UTC

North

[illegible]

>Organization: Just Another Roadside Attraction
>Lines: 21

>In article <1994Sep24.212931.1@vax.sonoma.edu> harrisok@vax.sonoma.edu writes:

> > I also have a 2 meter AM radio, a Gonset Communicator IV.

> Ahhhh. now that brings back some fond memories.

> 145.80 AM RTTY.

> "Real keyboards have green keycaps..."

> Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM | "You have a flair for adding
>Internet: jangus@skyld.grendel.com | a fanciful dimension to any
> US Mail: PO Box 4425 Carson, CA 90749 | story."
> Phone: 1 (310) 324-6080 | Peking Noodle Co.

>Hate "Green Card Lottery"? Want to help curb ignorant crossposting on Usenet?
>E-mail ckeroack@hamp.hampshire.edu for more information, or read news.groups.

There is pretty sizeable crowd on 2meter AM in eastern massachusetts at night.
I used to be a member, before I moved out to Washington State. The freq was
145.72, I believe. This was in the experimental portion of the band. (I can't
remember correctly so don't shoot if I am wrong).

I used a National NC173 reciever with a Heathkit 2meter recieve converter. (an
older unit). For the TX, I used a TX62 xmitter. We used a two meter halo for
the antenna. Was alot of fun.

Jeff McLeman Internet: jeffmc@halcyon.com
KD1IT/7 AmprNet: kd1it@kd1it.ampr.org
Packet: kd1it@n7fsp.wa.usa.na
Interests: Digital modes (cw, rtty,
packet, amtor,
pactor, ect)

Date: Sat, 1 Oct 1994 18:44:14 GMT
From: jhesse@netcom.com (John Hesse)
Subject: Got my ticket in record time-- Test FTP Site?

Is there an FTP site for test study material? I want to study for and take the highest no-code test available.

Thanks,

--

- - - - -
John Hesse
Moss Beach, Calif
jhesse@netcom.com
- - - - -

Date: Sat, 1 Oct 1994 19:37:01 GMT
From: dbasinge@silver.ucs.indiana.edu (Mike Basinger)
Subject: I'm a ham, kinda

I just passed Elements 2 & 3a today, hurrah :-). Now I just have to wait to 4-9 weeks for my license.

My plans for the future are to take a week or two off, and not look at a radio :-). I will start trying to learn morse after that, and get my Tech +.

talk at you soon,
73,
Mike (call sign pending)

--

Mike Basinger: "Not speaking for Indiana University"
dbasinge@silver.ucs.indiana.edu
dbasinge@indiana.edu (BinHex & MIME accepted)
dbasinge@nations.ucs.indiana.edu (NeXT Mail)

Date: 1 Oct 1994 18:44:49 GMT
From: wjturner@iastate.edu (William J Turner)
Subject: The American Morse Code

In article <Cwz9vt.D2v@news.Hawaii.Edu> jeffrey@math.hawaii.edu writes:
>Here's the American Morse Code (as opposed to International or
>sometimes called Continental Code).
>
>American Morse was formerly used on overland telegraph lines in the
>US and Canada.

When my grandfather first learned morse code, he learned the American morse code, at least that's what Ive been told. I haven't asked him lately... :-)

I've seen some of the books and ticker-tape training stuff he had way back when. Very interesting stuff! (At least for me...)

Date: Sun, 2 Oct 1994 02:36:37 GMT
From: rsm@world.std.com (Robert Marlan)
Subject: Where are Michigan Hamfests???

Just moved to Detroit Area,
Would love to find a schedule of small and large
hamfests within an hour or two?

Please respond via email.

Thank You very Much!!!

bob KA6NOC/8

rsm@ic.net

End of Info-Hams Digest V94 #1085
